

FIG. 1

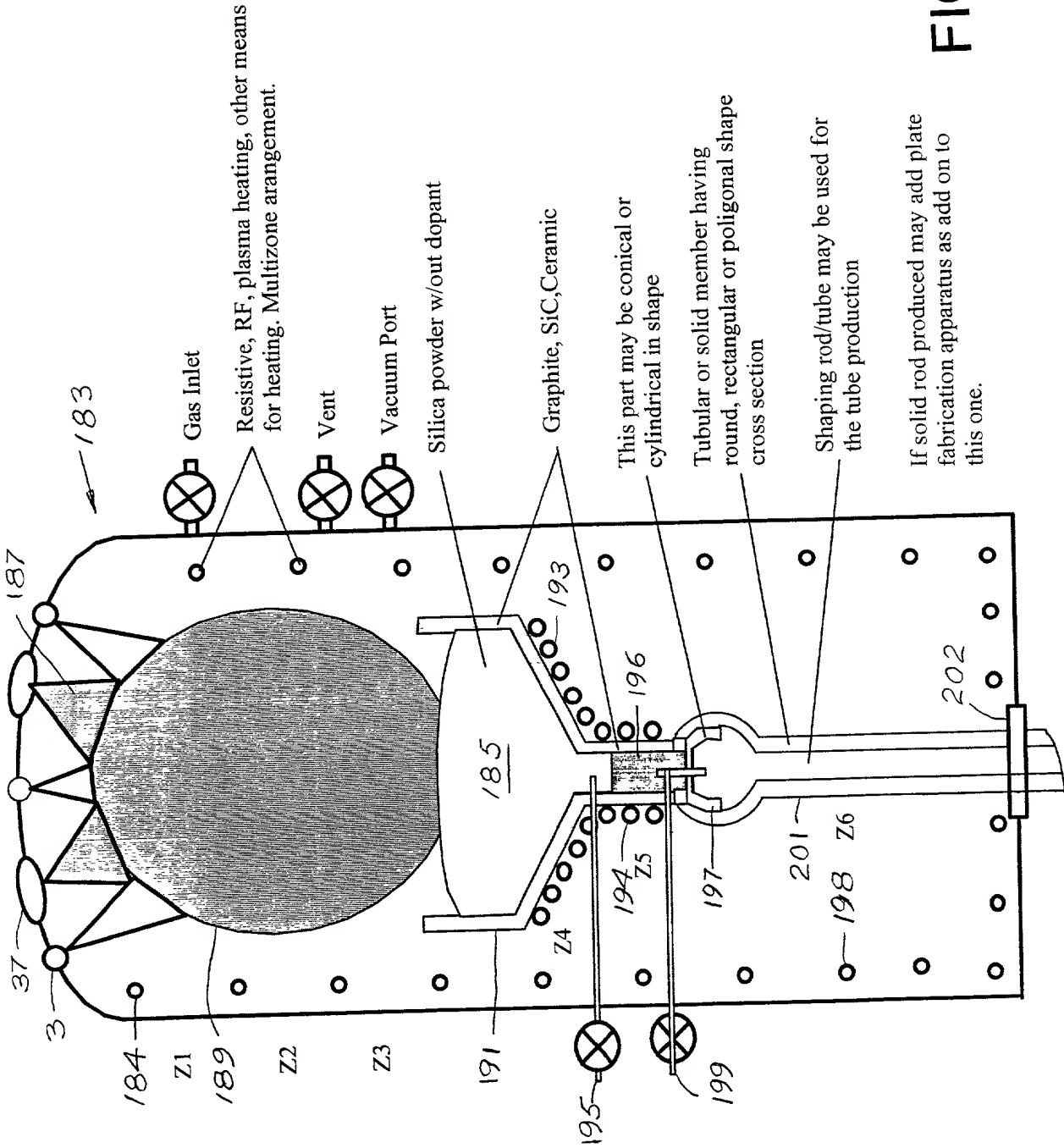


FIG. 2

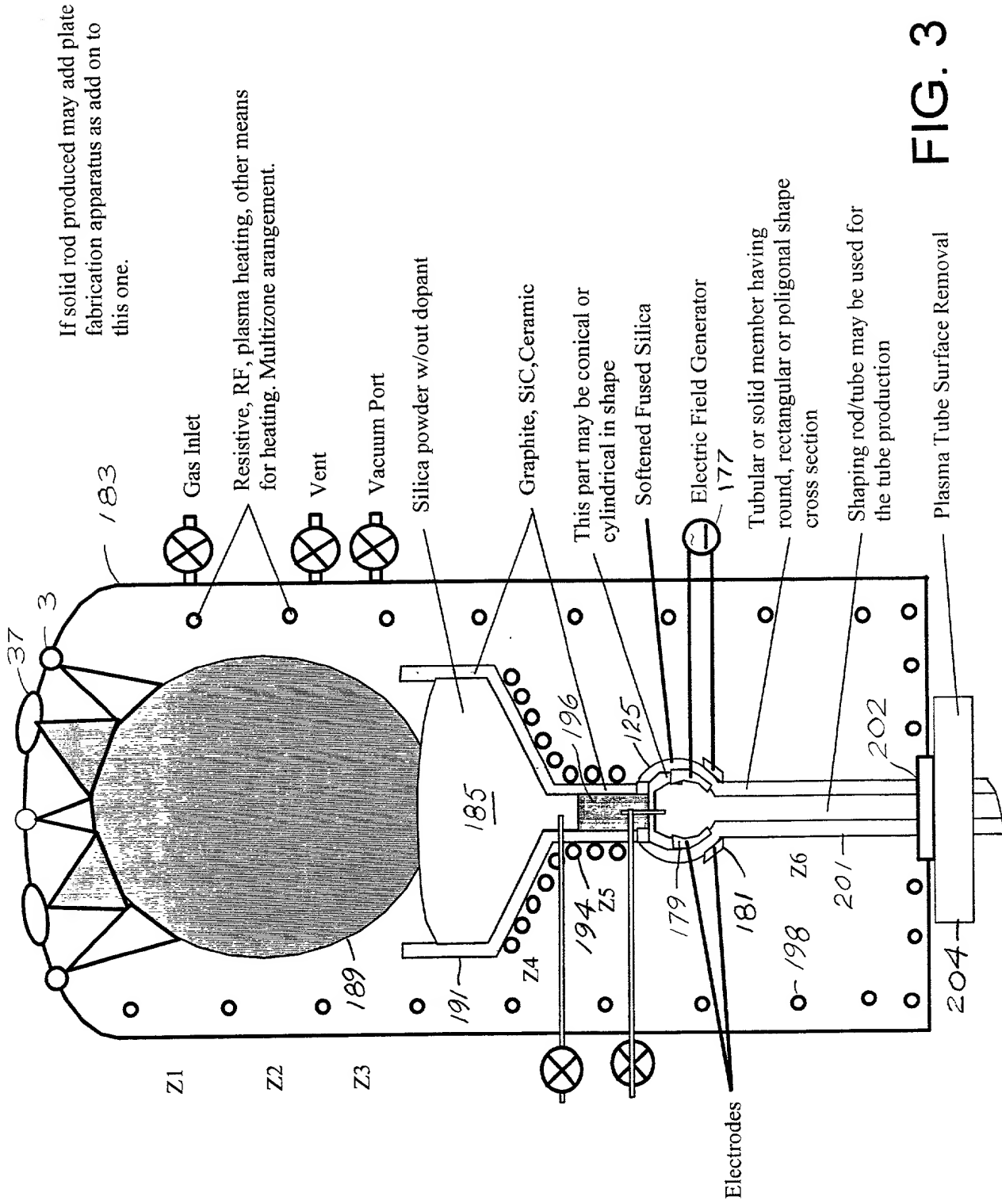
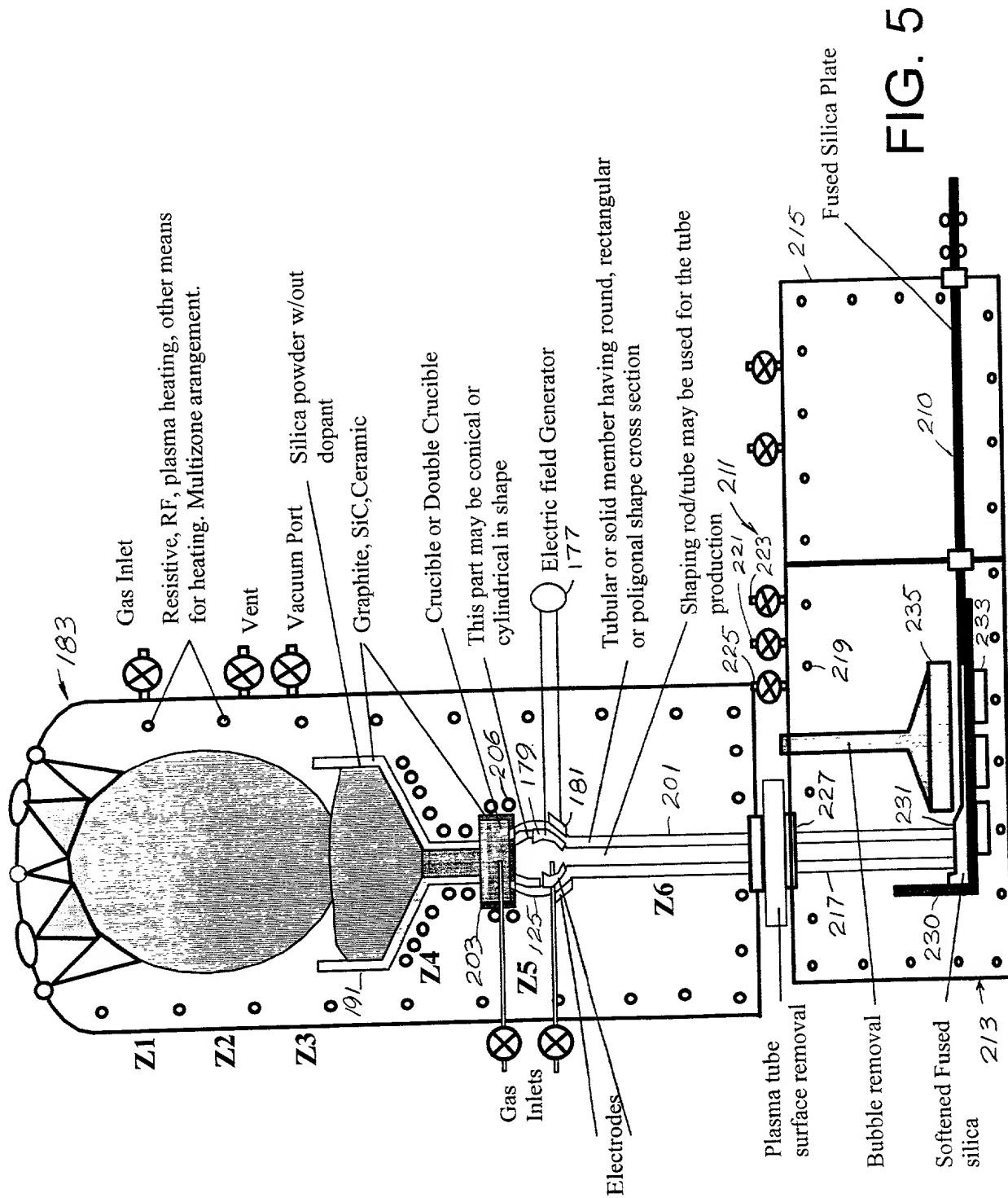


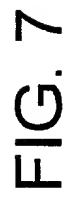
FIG. 3

**FIG. 4**



6  
G.  
F

6  
G.  
F



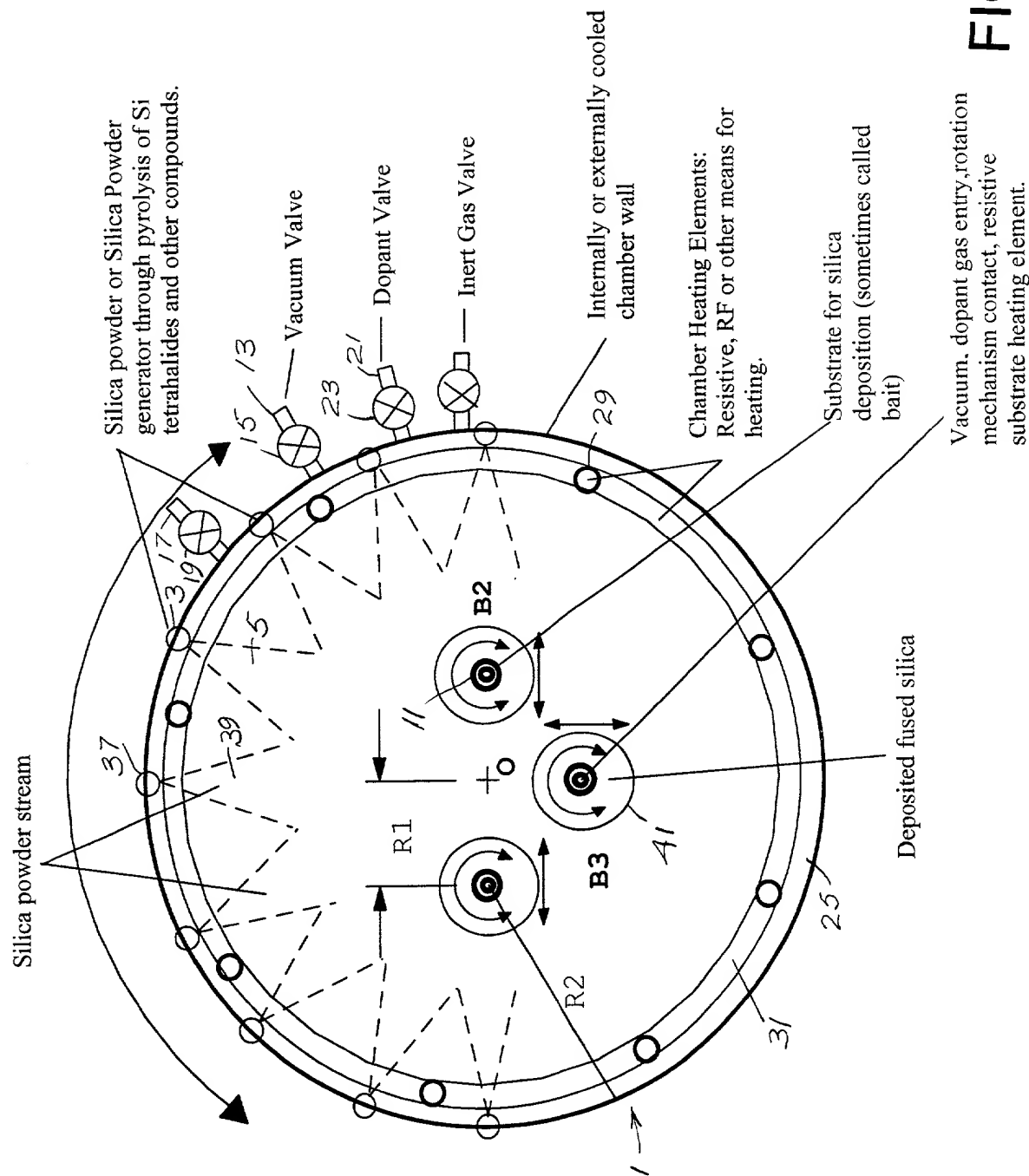


FIG. 8



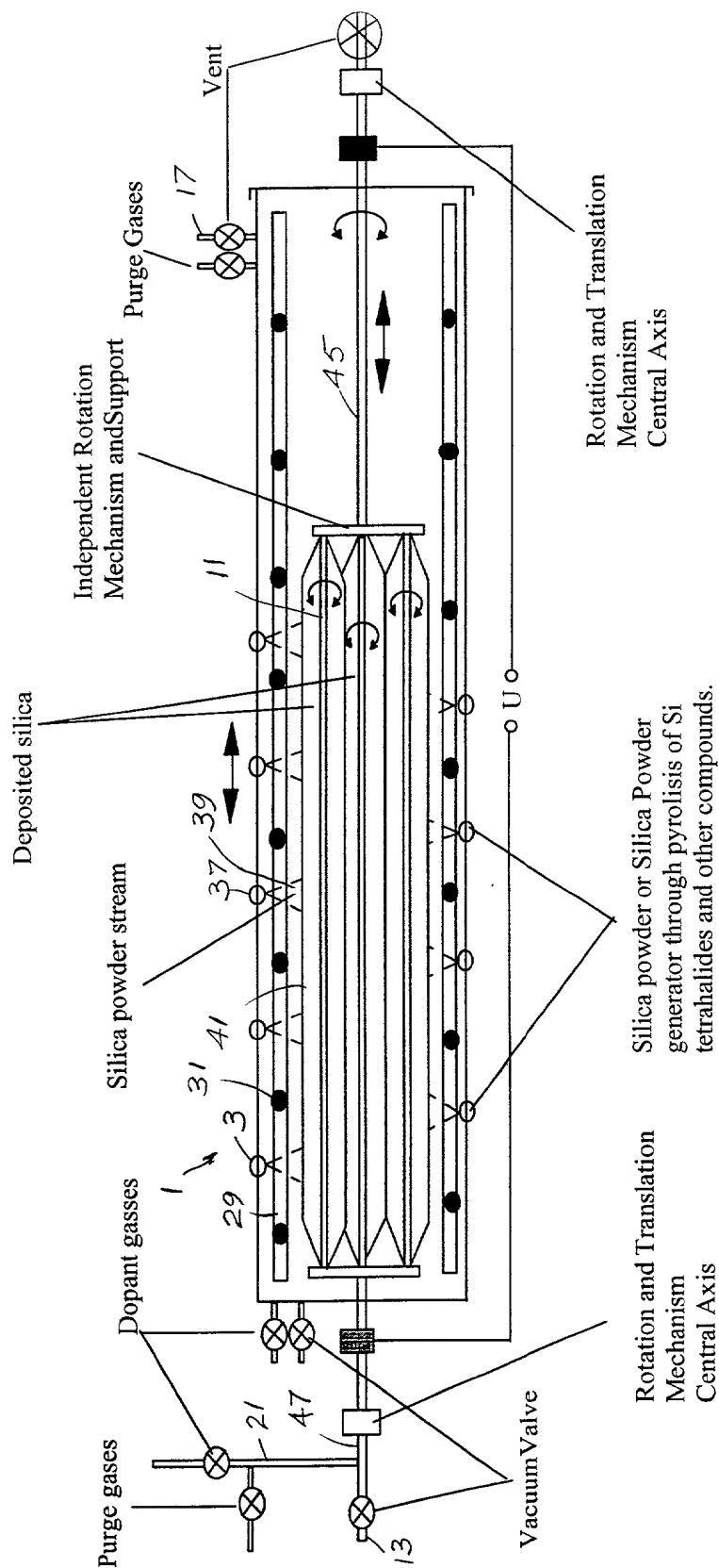


FIG. 9

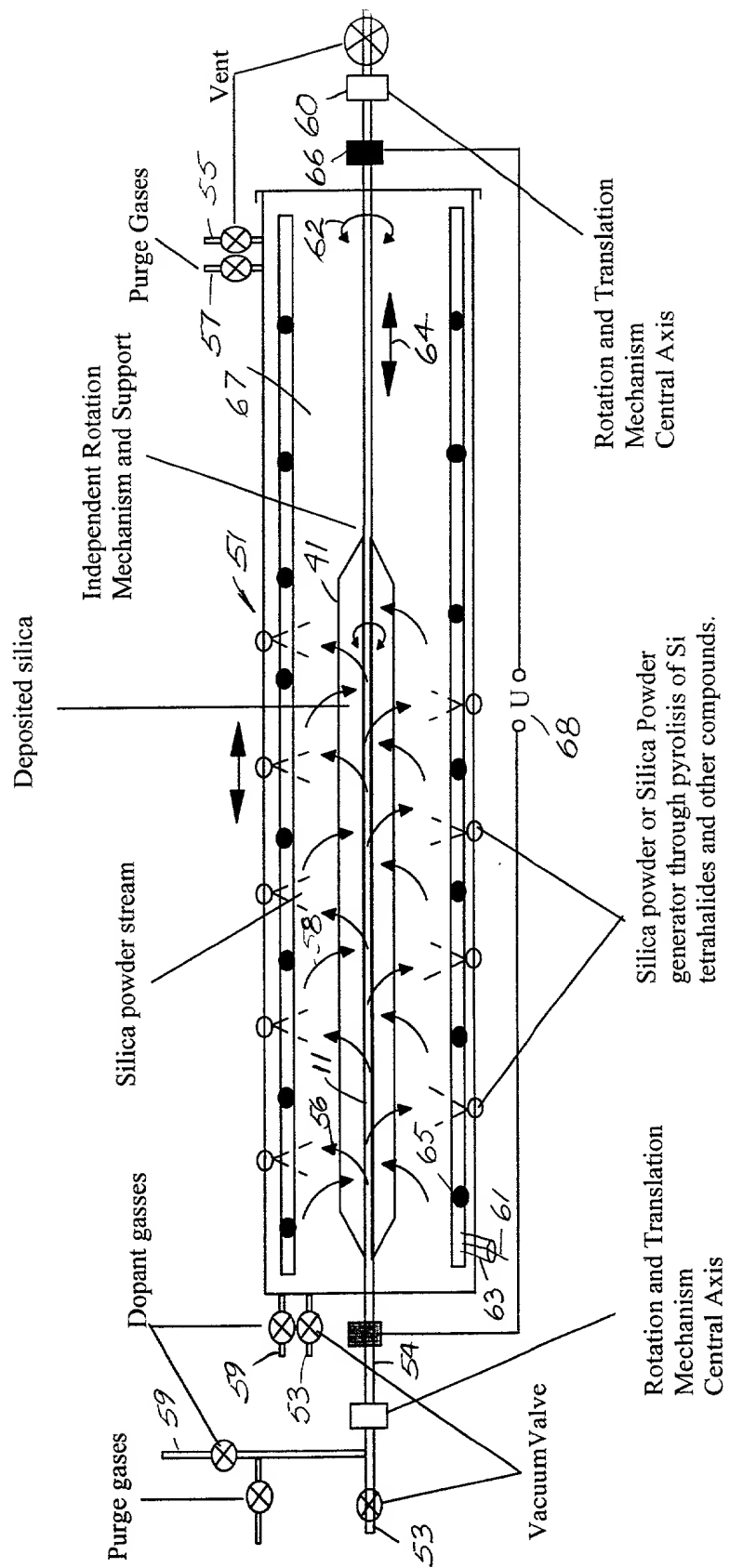


FIG. 10

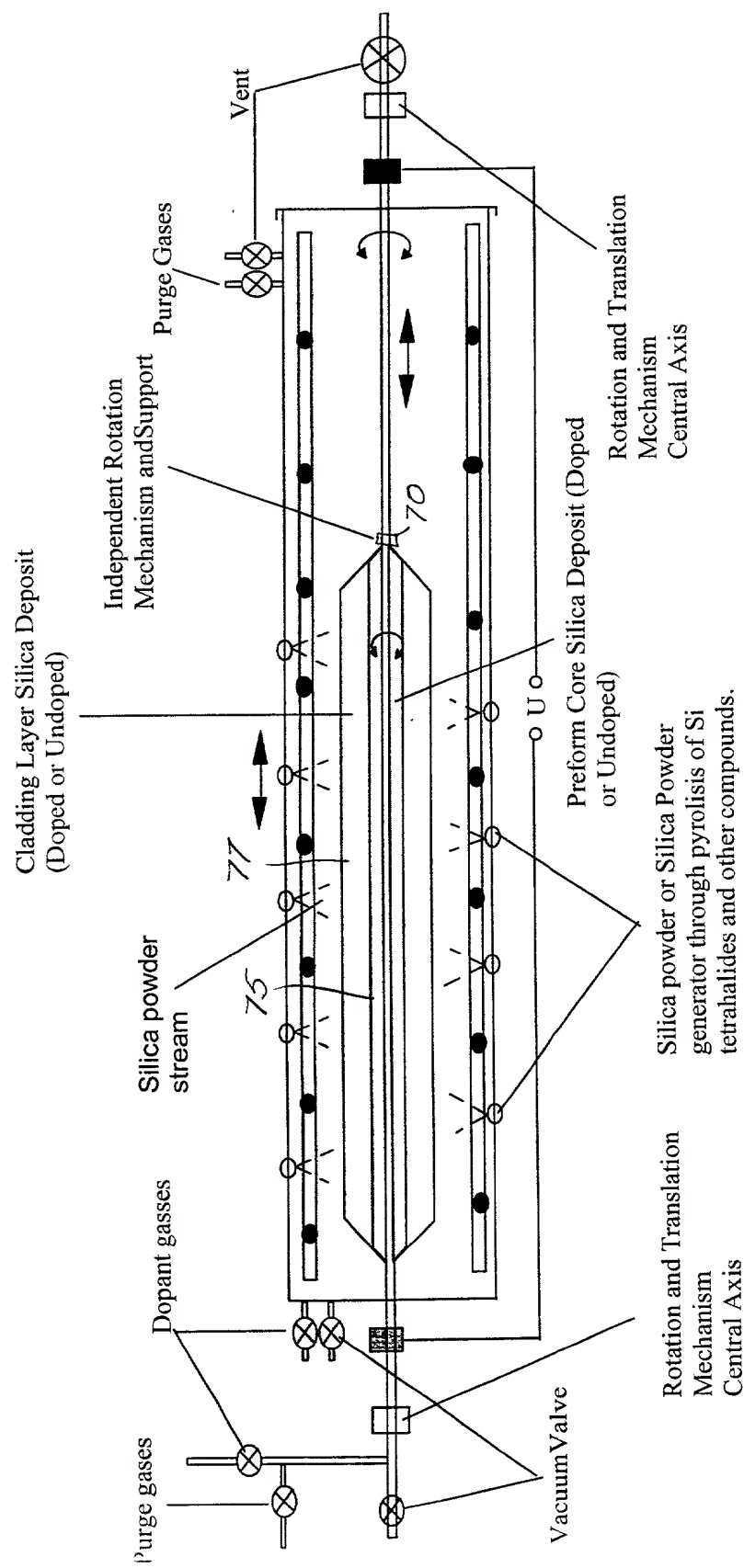


FIG. 11

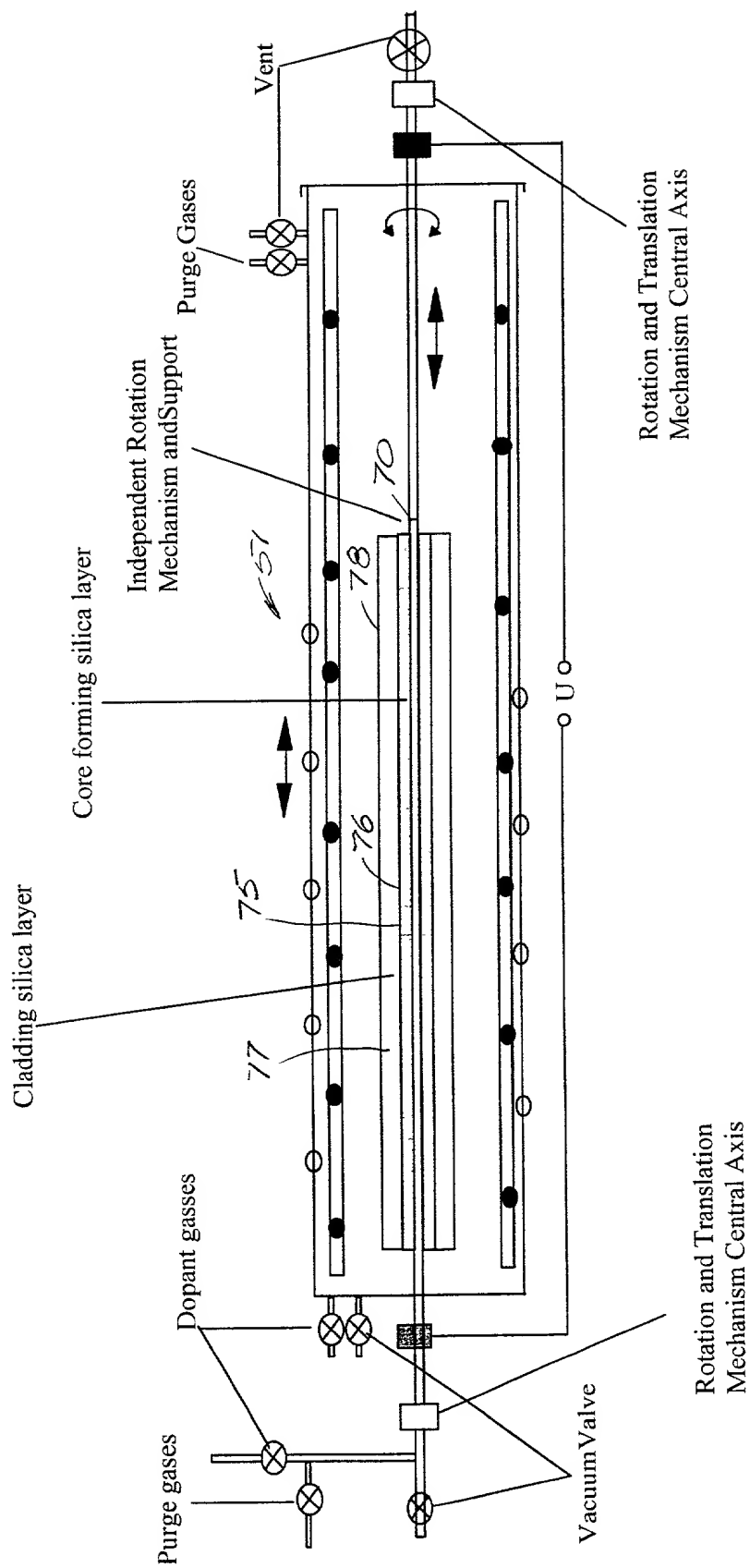
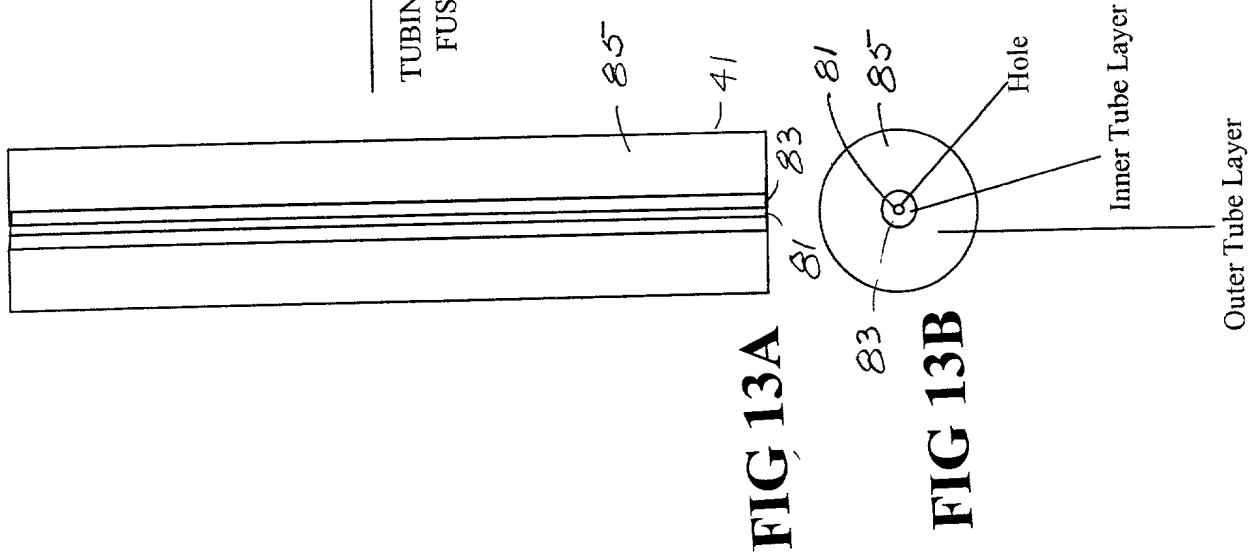
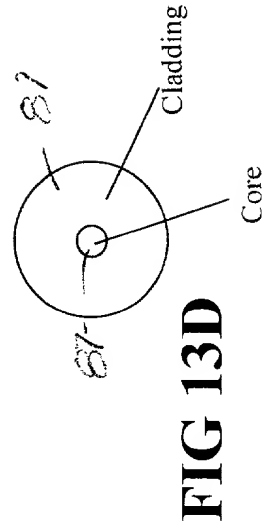
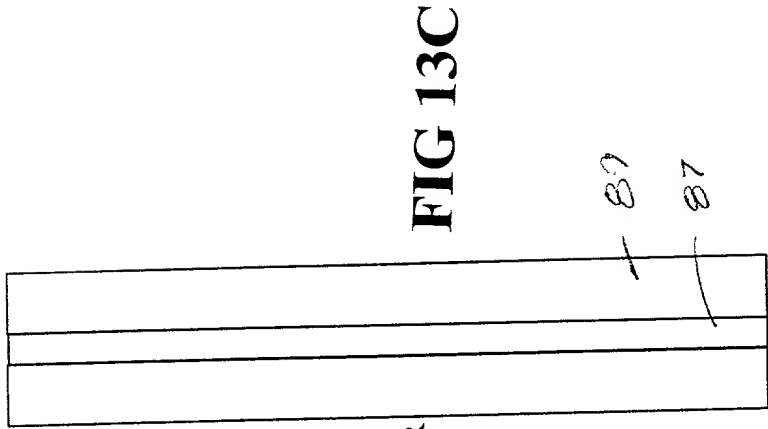


FIG. 12



TUBING TO SOLID MEMBER  
FUSING PROCESS



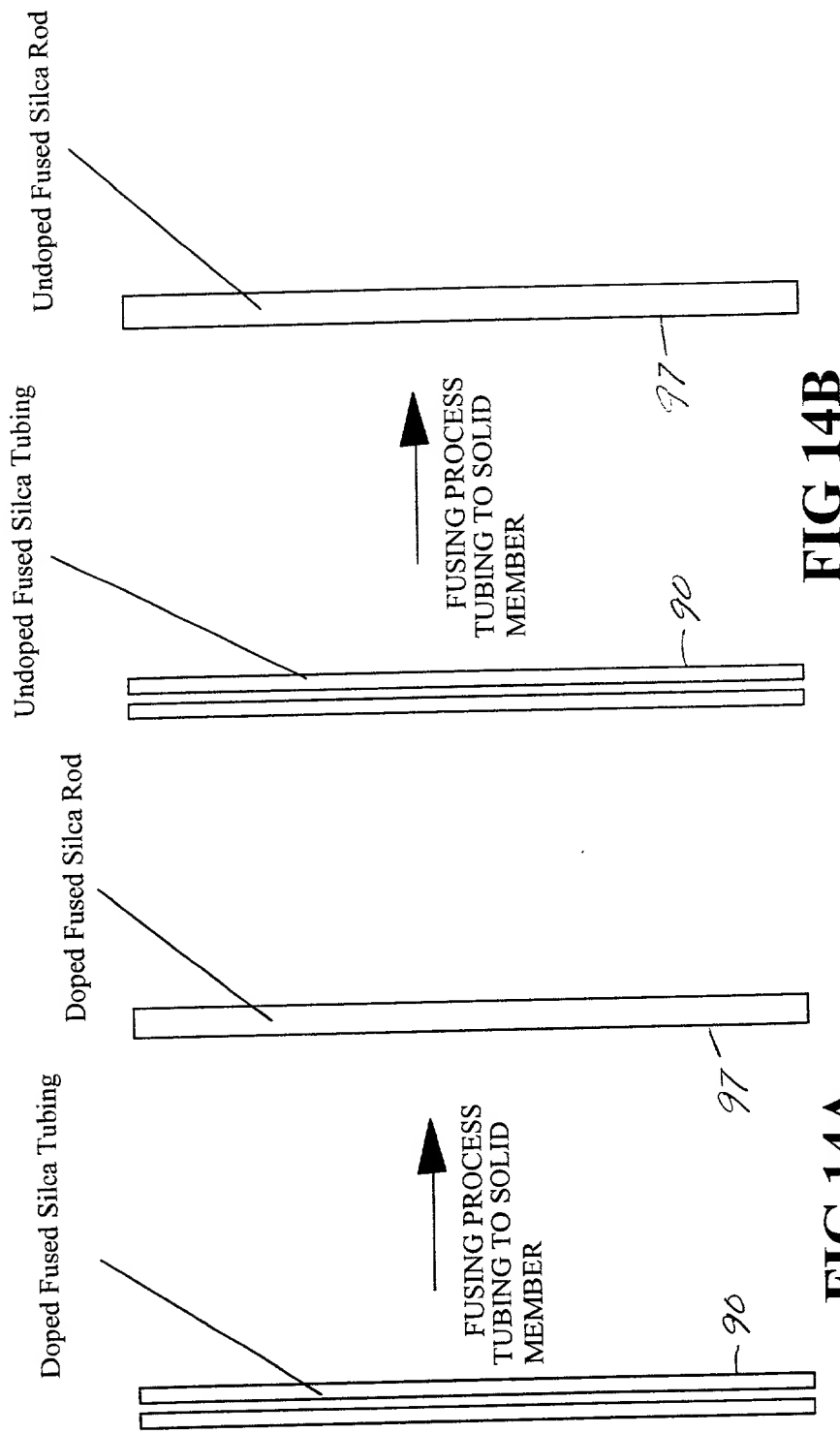


FIG 14A

a) Undoped Core Fabrication Process

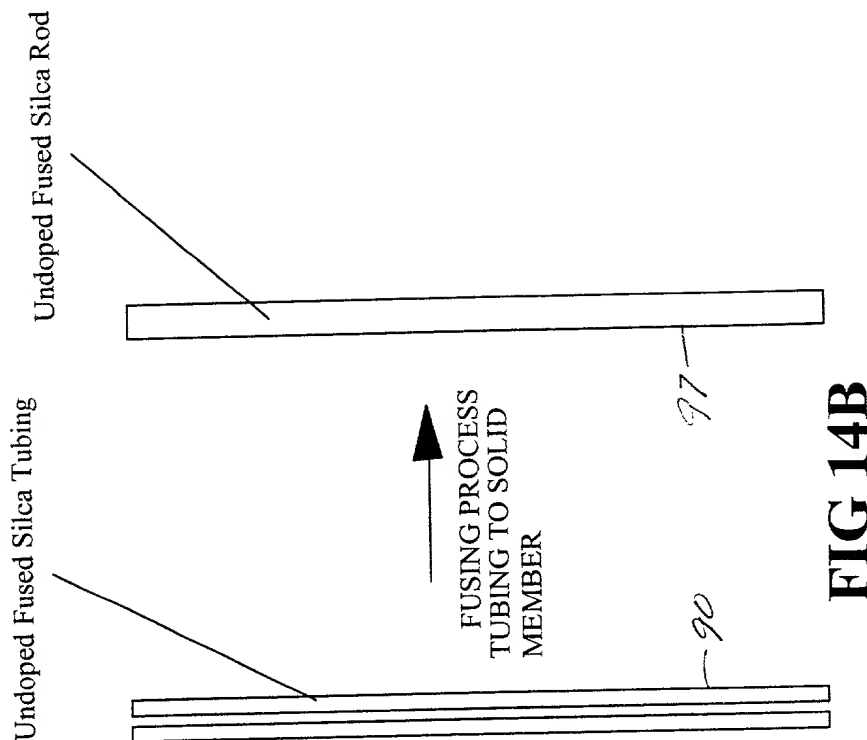
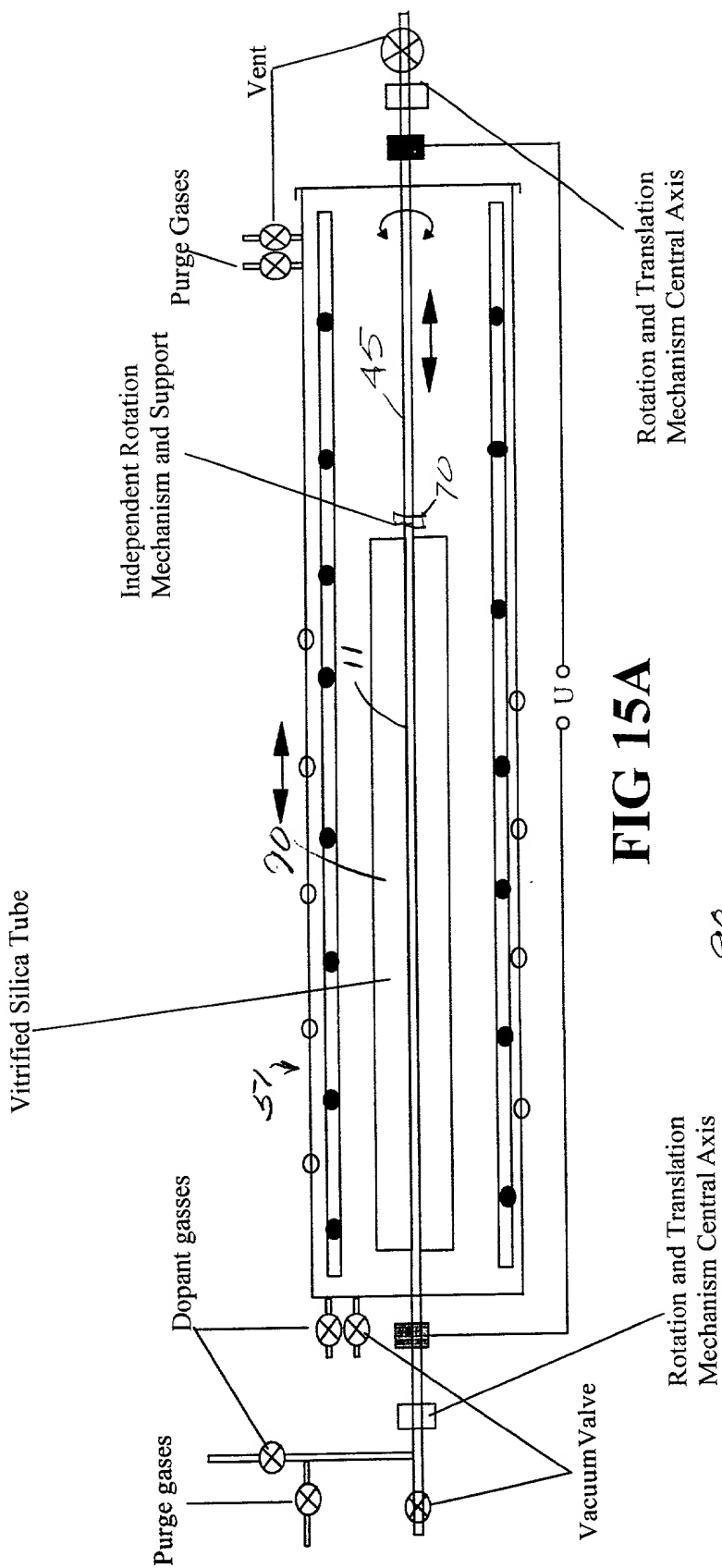


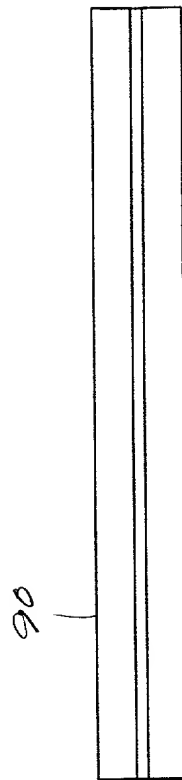
FIG 14B

b) Undoped Core Fabrication Process

Fiber Optic Preform Core (Doped or Undoped) Rod Fabrication



**FIG 15A**



**FIG 15B**

Vitrification of a doped or undoped fused silica tube and tube member produced

